

# WEST

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rotat\$5 adj (image\$1 or document\$1) and antialias\$5	15

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*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L4</u>	rotat\$5 adj (image\$1 or document\$1) and antialias\$5	15	<u>L4</u>
<u>L3</u>	rotat\$5 adj (image\$1 or document\$1) with antialias\$5	0	<u>L3</u>
<u>L2</u>	rotat\$5 adj (image\$1 or document\$1) near5 antialias\$5	0	<u>L2</u>
<u>L1</u>	rotat\$5 adj (image\$1 or document\$1)	8653	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 15 returned.**☐ 1. Document ID: US 20020131081 A1

L4: Entry 1 of 15

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131081

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131081 A1

TITLE: PostScript to bitmap conversion of graphic image files

PUBLICATION-DATE: September 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lavery, Timothy A.	Seattle	WA	US	
Klatt, Cory E.	Edmunds	WA	US	
Krum, Brent A.	Redmond	WA	US	
Roy, Larry G.	Bothell	WA	US	

US-CL-CURRENT: 358/1.15; 358/1.18

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">RWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 20020128538 A1

L4: Entry 2 of 15

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128538

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128538 A1

TITLE: Imaging system and components thereof

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thompson, Robert Lee	Rogers	AK	US	

US-CL-CURRENT: 600/121; 600/109, 600/179

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">RWC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 3. Document ID: US 6449396 B1

L4: Entry 3 of 15

File: USPT

Sep 10, 2002

US-PAT-NO: 6449396

DOCUMENT-IDENTIFIER: US 6449396 B1

TITLE: Compact rendering for processing binary high addressability images

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Loce; Robert P.	Webster	NY		
Zhang; Yeqing	Penfield	NY		
Williams; Leon C.	Walworth	NY		
Branciforte; Michael	Rochester	NY		

US-CL-CURRENT: 382/276; 358/1.2, 382/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 6428470 B1

L4: Entry 4 of 15

File: USPT

Aug 6, 2002

US-PAT-NO: 6428470

DOCUMENT-IDENTIFIER: US 6428470 B1

TITLE: Imaging system and components thereof

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Robert Lee	Rogers	AK		

US-CL-CURRENT: 600/173; 600/114, 600/121, 600/176

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 5. Document ID: US 6413209 B1

L4: Entry 5 of 15

File: USPT

Jul 2, 2002

US-PAT-NO: 6413209

DOCUMENT-IDENTIFIER: US 6413209 B1

TITLE: Imaging system with condensation control

DATE-ISSUED: July 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Robert Lee	Rogers	AK		

US-CL-CURRENT: 600/169; 600/122, 600/173, 600/179

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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☐ 6. Document ID: US 6396593 B1

L4: Entry 6 of 15

File: USPT

May 28, 2002

US-PAT-NO: 6396593

DOCUMENT-IDENTIFIER: US 6396593 B1

TITLE: Postscript to bitmap conversion of graphic image files

DATE-ISSUED: May 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Laverty; Timothy A.	Seattle	WA		
Klatt; Cory E.	Edmunds	WA		
Krum; Brent A.	Redmond	WA		
Roy; Larry G.	Bothell	WA		

US-CL-CURRENT: 358/1.15; 358/1.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 7. Document ID: US 6353483 B1

L4: Entry 7 of 15

File: USPT

Mar 5, 2002

US-PAT-NO: 6353483

DOCUMENT-IDENTIFIER: US 6353483 B1

TITLE: Postscript to bitmap conversion of graphic image files

DATE-ISSUED: March 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Laverty; Timothy A.	Seattle	WA		
Klatt; Cory E.	Edmunds	WA		
Krum; Brent A.	Redmond	WA		
Roy; Larry G.	Bothell	WA		

US-CL-CURRENT: 358/1.15; 358/1.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 8. Document ID: US 6346948 B1

L4: Entry 8 of 15

File: USPT

Feb 12, 2002

US-PAT-NO: 6346948

DOCUMENT-IDENTIFIER: US 6346948 B1

TITLE: Method and apparatus for pixel composition

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Evans; Jerald	Mountain View	CA		
Graham; James	Sunnyvale	CA		
Nguyen; Thanh	Palo Alto	CA		

US-CL-CURRENT: 345/582; 345/597, 345/619

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 9. Document ID: US 6262732 B1

L4: Entry 9 of 15

File: USPT

Jul 17, 2001

US-PAT-NO: 6262732

DOCUMENT-IDENTIFIER: US 6262732 B1

TITLE: Method and apparatus for managing and navigating within stacks of document pages

DATE-ISSUED: July 17, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coleman; Denis Raymond	Atherton	CA		
Belov; Lev	Redmond	WA		
Basche; Todd Farrell	Los Altos	CA		
Cotte; Pierre-Alain	Paris			FR

US-CL-CURRENT: 345/835

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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☐ 10. Document ID: US 6111582 A

L4: Entry 10 of 15

File: USPT

Aug 29, 2000

US-PAT-NO: 6111582

DOCUMENT-IDENTIFIER: US 6111582 A

TITLE: System and method of image generation and encoding using primitive reprojection

DATE-ISSUED: August 29, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jenkins; Barry L.	Auburn	PA	17922	

US-CL-CURRENT: 345/421; 345/422, 345/427

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWC	Draw Desc	Image
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Terms	Documents
rotat\$5 adj (image\$1 or document\$1) and antialias\$5	15

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L4: Entry 11 of 15

File: USPT

Feb 22, 2000

US-PAT-NO: 6028608

DOCUMENT-IDENTIFIER: US 6028608 A

TITLE: System and method of perception-based image generation and encoding

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jenkins; Barry	Auburn	PA	17922	

US-CL-CURRENT: 345/619

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ **12. Document ID: US 5523887 A**

L4: Entry 12 of 15

File: USPT

Jun 4, 1996

US-PAT-NO: 5523887

DOCUMENT-IDENTIFIER: US 5523887 A

TITLE: Stabilized imaging system

DATE-ISSUED: June 4, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wight; Ralph	Northport	NY		

US-CL-CURRENT: 359/556; 359/401, 359/554, 359/555

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ **13. Document ID: US 5319722 A**

L4: Entry 13 of 15

File: USPT

Jun 7, 1994

US-PAT-NO: 5319722

DOCUMENT-IDENTIFIER: US 5319722 A

TITLE: Neural network for character recognition of rotated characters

DATE-ISSUED: June 7, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oki; Toru	Allendale	NJ		
Paolella; Philip A.	Fort Lee	NJ		

US-CL-CURRENT: 382/293; 235/454, 382/156, 382/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5204944 A

L4: Entry 14 of 15

File: USPT

Apr 20, 1993

US-PAT-NO: 5204944

DOCUMENT-IDENTIFIER: US 5204944 A

TITLE: Separable image warping methods and systems using spatial lookup tables

DATE-ISSUED: April 20, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wolberg; George	Elmhurst	NY		
Boult; Terrance E.	Hightstown	NJ		

US-CL-CURRENT: 345/427; 345/419, 382/276, 382/277, 382/304

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 4677576 A

L4: Entry 15 of 15

File: USPT

Jun 30, 1987

US-PAT-NO: 4677576

DOCUMENT-IDENTIFIER: US 4677576 A

TITLE: Non-edge computer image generation system

DATE-ISSUED: June 30, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berlin, Jr.; Edwin P.	Berkeley	CA		
Gardner; Geoffrey Y.	Centerport	NY		
Gelman; Robert M.	Great Neck	NY		
Gershowitz; Michael N.	Plainview	NY		

US-CL-CURRENT: 345/420; 345/421, 345/427, 345/582, 345/643, 348/123, 434/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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Terms	Documents
rotat\$5 adj (image\$1 or document\$1) and antialias\$5	15

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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L7</u>	l1 and l5	19	<u>L7</u>
<u>L6</u>	l1 and l2 and l4 and l5	0	<u>L6</u>
<u>L5</u>	((382/269)!.CCLS. )	123	<u>L5</u>
<u>L4</u>	((382/296  382/297)!.CCLS. )	506	<u>L4</u>
<u>L3</u>	l1 and L2	0	<u>L3</u>
<u>L2</u>	((345/649)!.CCLS. )	120	<u>L2</u>
<u>L1</u>	((345/611)!.CCLS. )	213	<u>L1</u>

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L7: Entry 1 of 19

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020196984  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020196984 A1

TITLE: Method of performing lens effect using transform mask

PUBLICATION-DATE: December 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Liu, Casper	Taipei		TW	

US-CL-CURRENT: 382/269; 345/611

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 20020122045 A1

L7: Entry 2 of 19

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122045  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020122045 A1

TITLE: FONT ANTI-ALIASING SYSTEM

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
WOODSON, MORGAN	SANTA CRUZ	CA	US	
FLEMING, DENNIS	BELMONT	CA	US	

US-CL-CURRENT: 345/611; 345/471, 345/472, 345/606, 345/947, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☒ 3. Document ID: US 6501483 B1

L7: Entry 3 of 19

File: USPT

Dec 31, 2002

US-PAT-NO: 6501483  
DOCUMENT-IDENTIFIER: US 6501483 B1

TITLE: Method and apparatus for antialiasing using a non-uniform pixel sampling pattern

DATE-ISSUED: December 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Daniel	North York			CA
Aleksic; Milivoje M.	Richmond Hill			CA

US-CL-CURRENT: 345/611; 345/441, 345/442, 345/581, 345/612, 345/613, 345/614, 345/687,  
382/254, 382/266, 382/267, 382/269, 382/272

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☒ 4. Document ID: US 6473091 B1

L7: Entry 4 of 19

File: USPT

Oct 29, 2002

US-PAT-NO: 6473091

DOCUMENT-IDENTIFIER: US 6473091 B1

TITLE: Image processing apparatus and method

DATE-ISSUED: October 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iida; Ryohei	Tokyo			JP
Takemoto; Takashi	Kanagawa			JP

US-CL-CURRENT: 345/589; 345/422, 345/428, 345/505, 345/581, 345/611, 348/497, 348/638,  
348/668, 358/518, 358/525, 358/534, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☒ 5. Document ID: US 6377273 B1

L7: Entry 5 of 19

File: USPT

Apr 23, 2002

US-PAT-NO: 6377273

DOCUMENT-IDENTIFIER: US 6377273 B1

TITLE: Fast area-coverage computing method for anti-aliasing in graphics

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ruen-Rone	Hsinchu			TW
Wang; Shin-Ping Robert	Tooyuan			TW
Fu; Kuo-Chang	Keelung			TW

US-CL-CURRENT: 345/611; 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☒ 6. Document ID: US 6356278 B1

L7: Entry 6 of 19

File: USPT

Mar 12, 2002

US-PAT-NO: 6356278

DOCUMENT-IDENTIFIER: US 6356278 B1

TITLE: Methods and systems for asymmetric supersampling rasterization of image data

DATE-ISSUED: March 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stamm; Beat	Redmond	WA		
Hitchcock; Gregory C.	Woodinville	WA		
Betrissey; Claude	Redmond	WA		

US-CL-CURRENT: 345/611; 345/613, 382/260, 382/266, 382/269, 382/274, 382/275

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☒ 7. Document ID: US 6339451 B1

L7: Entry 7 of 19

File: USPT

Jan 15, 2002

US-PAT-NO: 6339451

DOCUMENT-IDENTIFIER: US 6339451 B1

TITLE: Graphical on-screen display system

DATE-ISSUED: January 15, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tults; Juri	Indianapolis	IN		

US-CL-CURRENT: 348/569; 345/611, 348/625, 382/266, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☒ 8. Document ID: US 6304677 B1

L7: Entry 8 of 19

File: USPT

Oct 16, 2001

US-PAT-NO: 6304677

DOCUMENT-IDENTIFIER: US 6304677 B1

TITLE: Smoothing and fitting point sequences

DATE-ISSUED: October 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schuster; Michael	Redwood City	CA		

US-CL-CURRENT: 382/264; 345/442, 345/611, 382/168, 382/173, 382/266, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☒ 9. Document ID: US 6304269 B1

L7: Entry 9 of 19

File: USPT

Oct 16, 2001

US-PAT-NO: 6304269

DOCUMENT-IDENTIFIER: US 6304269 B1

TITLE: Image processor

DATE-ISSUED: October 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ito; Taro	Tokyo			JP

US-CL-CURRENT: 345/589; 345/603, 345/611, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☒ 10. Document ID: US 6173085 B1

L7: Entry 10 of 19

File: USPT

Jan 9, 2001

US-PAT-NO: 6173085

DOCUMENT-IDENTIFIER: US 6173085 B1

TITLE: Edge enhancement using modified edge boost function

DATE-ISSUED: January 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hamilton, Jr.; John F.	Rochester	NY		
Adams, Jr.; James E.	Rochester	NY		

US-CL-CURRENT: 382/263; 345/611, 345/618, 382/264, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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L7: Entry 11 of 19

File: USPT

Nov 28, 2000

US-PAT-NO: 6154576

DOCUMENT-IDENTIFIER: US 6154576 A

TITLE: System and method for anti-aliasing of text overlays on electronic images

DATE-ISSUED: November 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Eric	San Jose	CA		
Masukawa; Mike M.	Los Gatos	CA		

US-CL-CURRENT: 382/269; 345/611, 348/239, 348/589[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)☐ **12. Document ID: US 6038031 A**

L7: Entry 12 of 19

File: USPT

Mar 14, 2000

US-PAT-NO: 6038031

DOCUMENT-IDENTIFIER: US 6038031 A

TITLE: 3D graphics object copying with reduced edge artifacts

DATE-ISSUED: March 14, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Murphy; Nicholas J. N.	Guildford			GB

US-CL-CURRENT: 382/254; 345/582, 345/589, 345/611, 345/615, 345/643, 358/448, 382/109, 382/141, 382/154, 382/264, 382/269, 382/285[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)☐ **13. Document ID: US 5867142 A**

L7: Entry 13 of 19

File: USPT

Feb 2, 1999

US-PAT-NO: 5867142

DOCUMENT-IDENTIFIER: US 5867142 A

TITLE: System and method for processing an image having edges

DATE-ISSUED: February 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thieret; Tracy E.	Webster	NY		

US-CL-CURRENT: 345/611; 358/447, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5838298 A

L7: Entry 14 of 19

File: USPT

Nov 17, 1998

US-PAT-NO: 5838298

DOCUMENT-IDENTIFIER: US 5838298 A

TITLE: Image processing apparatus and method for smoothing stairway-like portions of a contour line of an image

DATE-ISSUED: November 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shirasaka; Akifumi	Yokohama			JP

US-CL-CURRENT: 345/611; 345/536, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 5719595 A

L7: Entry 15 of 19

File: USPT

Feb 17, 1998

US-PAT-NO: 5719595

DOCUMENT-IDENTIFIER: US 5719595 A

TITLE: Method and apparauts for generating a text image on a display with anti-aliasing effect

DATE-ISSUED: February 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoddie; James P.	Mountain View	CA		
Ritchie; Ian D.	Boulder Creek	CA		

US-CL-CURRENT: 345/611; 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5625768 A

L7: Entry 16 of 19

File: USPT

Apr 29, 1997



US-PAT-NO: 5625768

DOCUMENT-IDENTIFIER: US 5625768 A

TITLE: Method and apparatus for correcting errors in pixel characteristics when interpolating polygons into a pixel grid

DATE-ISSUED: April 29, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dye; Thomas A.	Austin	TX		

US-CL-CURRENT: 345/441; 345/426, 345/611, 382/266, 382/267, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 17. Document ID: US 5528296 A

L7: Entry 17 of 19

File: USPT

Jun 18, 1996

US-PAT-NO: 5528296

DOCUMENT-IDENTIFIER: US 5528296 A

TITLE: Jagged edge compensator for staggered pixel layouts of a spatial light modulator

DATE-ISSUED: June 18, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gove; Robert J.	Plano	TX		
Meyer; Richard C.	Plano	TX		
Reder; John R.	Richardson	TX		
Heimbuch; Scott D.	Dallas	TX		

US-CL-CURRENT: 348/275; 345/611, 345/87, 348/315, 348/589, 382/267, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 18. Document ID: US 5250934 A

L7: Entry 18 of 19

File: USPT

Oct 5, 1993

US-PAT-NO: 5250934

DOCUMENT-IDENTIFIER: US 5250934 A

TITLE: Method and apparatus for thinning printed images

DATE-ISSUED: October 5, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Denber; Michel J.	Rochester	NY		
Jankowski; Henry P.	Rochester	NY		

US-CL-CURRENT: 345/611; 345/471, 382/258, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 19. Document ID: US 4831447 A

L7: Entry 19 of 19

File: USPT

May 16, 1989

US-PAT-NO: 4831447

DOCUMENT-IDENTIFIER: US 4831447 A

TITLE: Method and apparatus for anti-aliasing an image boundary during video special effects

DATE-ISSUED: May 16, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lake, Jr.; David E.	Penn Valley	CA		

US-CL-CURRENT: 348/597; 345/611, 348/586, 382/260, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 20030011617 A1

L10: Entry 1 of 4

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011617

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030011617 A1

TITLE: Smoothing method, smoothing circuit, image forming apparatus and display unit

PUBLICATION-DATE: January 16, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Iida, Masaru	Kawasaki		JP	

US-CL-CURRENT: 345/611

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20020171664 A1

L10: Entry 2 of 4

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020171664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020171664 A1

TITLE: Image rotation with substantially no aliasing error

PUBLICATION-DATE: November 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prakash, Ravi	Concord	NC	US	
Rohe, Clair Frederick	Huntersville	NC	US	
Shirley, Robert E.	Charlotte	NC	US	

US-CL-CURRENT: 345/611

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 5299300 A

L10: Entry 3 of 4

File: USPT

Mar 29, 1994

US-PAT-NO: 5299300

DOCUMENT-IDENTIFIER: US 5299300 A

TITLE: Interpolation processing of digital map imagery data

DATE-ISSUED: March 29, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Femal; Michael J.	Palm Bay	FL		
Kautz; Kenrick W.	Palm Bay	FL		

US-CL-CURRENT: 345/428; 340/995, 345/531, 345/557, 345/611

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 4835532 A

L10: Entry 4 of 4

File: USPT

May 30, 1989

US-PAT-NO: 4835532

DOCUMENT-IDENTIFIER: US 4835532 A

TITLE: Nonaliasing real-time spatial transform image processing system

DATE-ISSUED: May 30, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fant; Karl M.	Minneapolis	MN		

US-CL-CURRENT: 345/611; 340/980, 382/284, 382/293

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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**Search Results - Record(s) 1 through 7 of 7 returned.**☐ 1. Document ID: US 6339479 B1

L11: Entry 1 of 7

File: USPT

Jan 15, 2002

US-PAT-NO: 6339479

DOCUMENT-IDENTIFIER: US 6339479 B1

TITLE: Video processing apparatus for processing pixel for generating high-picture-quality image, method thereof, and video printer to which they are applied

DATE-ISSUED: January 15, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kishimoto; Masaki	Kanagawa			JP

US-CL-CURRENT: 358/1.2; 358/1.9, 358/503, 382/261, 382/263, 382/264, 382/269, 382/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMC	Draw Desc	Image
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☐ 2. Document ID: US 6154577 A

L11: Entry 2 of 7

File: USPT

Nov 28, 2000

US-PAT-NO: 6154577

DOCUMENT-IDENTIFIER: US 6154577 A

TITLE: Digital image processing method and computer program product

DATE-ISSUED: November 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Warnick; James	Pittsford	NY		
Honsinger; Chris W.	Webster	NY		

US-CL-CURRENT: 382/279; 382/199, 382/266, 382/269, 382/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMC	Draw Desc	Image
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☐ 3. Document ID: US 6023535 A

L11: Entry 3 of 7

File: USPT

Feb 8, 2000

US-PAT-NO: 6023535

DOCUMENT-IDENTIFIER: US 6023535 A

TITLE: Methods and systems for reproducing a high resolution image from sample data

DATE-ISSUED: February 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aoki; Shin	Yokohama			JP

US-CL-CURRENT: 382/299; 382/264, 382/268, 382/269, 382/302

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 5907665 A

L11: Entry 4 of 7

File: USPT

May 25, 1999

US-PAT-NO: 5907665

DOCUMENT-IDENTIFIER: US 5907665 A

TITLE: Method and apparatus for transforming image data

DATE-ISSUED: May 25, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sobol; Robert E.	Fort Collins	CO		
Winternitz; Barbara A.	Bellvue	CO		

US-CL-CURRENT: 358/1.9; 358/2.99, 358/447, 358/466, 382/237, 382/269, 382/270

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5778105 A

L11: Entry 5 of 7

File: USPT

Jul 7, 1998

US-PAT-NO: 5778105

DOCUMENT-IDENTIFIER: US 5778105 A

TITLE: Method of and apparatus for removing artifacts from a reproduction

DATE-ISSUED: July 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shively; John Thomas	Hinsdale	IL		

US-CL-CURRENT: 382/269; 358/3.26, 382/275

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 4760605 A

L11: Entry 6 of 7

File: USPT

Jul 26, 1988

US-PAT-NO: 4760605

DOCUMENT-IDENTIFIER: US 4760605 A

TITLE: Image signal processing with filtering to account for image mapping

DATE-ISSUED: July 26, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
David; Morgan W. A.	Farnham			GB2
Hedley; David J.	Winchester			GB2
Richards; John W.	Chilbolton			GB2

US-CL-CURRENT: 382/269; 348/583, 348/625, 382/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MM	Draw Desc	Image
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☐ 7. Document ID: US 4611349 A

L11: Entry 7 of 7

File: USPT

Sep 9, 1986

US-PAT-NO: 4611349

DOCUMENT-IDENTIFIER: US 4611349 A

TITLE: Halftone image scaling

DATE-ISSUED: September 9, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hou; Hsieh S.	Rancho Palos Verdes	CA		

US-CL-CURRENT: 382/269; 382/298

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MM	Draw Desc	Image
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### Search History

**DATE:** Thursday, March 20, 2003 [Printable Copy](#) [Create Case](#)



<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
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<u>L12</u>	l2 and antialias\$5	1	<u>L12</u>
<u>L11</u>	l5 and rotat\$3 adj image\$1	7	<u>L11</u>
<u>L10</u>	l1 and rotat\$3 adj image\$1	4	<u>L10</u>
<u>L9</u>	l1 and rotat\$3	49	<u>L9</u>
<u>L8</u>	5528296.pn.	2	<u>L8</u>
<u>L7</u>	l1 and l5	19	<u>L7</u>
<u>L6</u>	l1 and l2 and l4 and l5	0	<u>L6</u>
<u>L5</u>	((382/269 )!.CCLS. )	123	<u>L5</u>
<u>L4</u>	((382/296  382/297 )!.CCLS. )	506	<u>L4</u>
<u>L3</u>	l1 and L2	0	<u>L3</u>
<u>L2</u>	((345/649 )!.CCLS. )	120	<u>L2</u>
<u>L1</u>	((345/611 )!.CCLS. )	213	<u>L1</u>

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